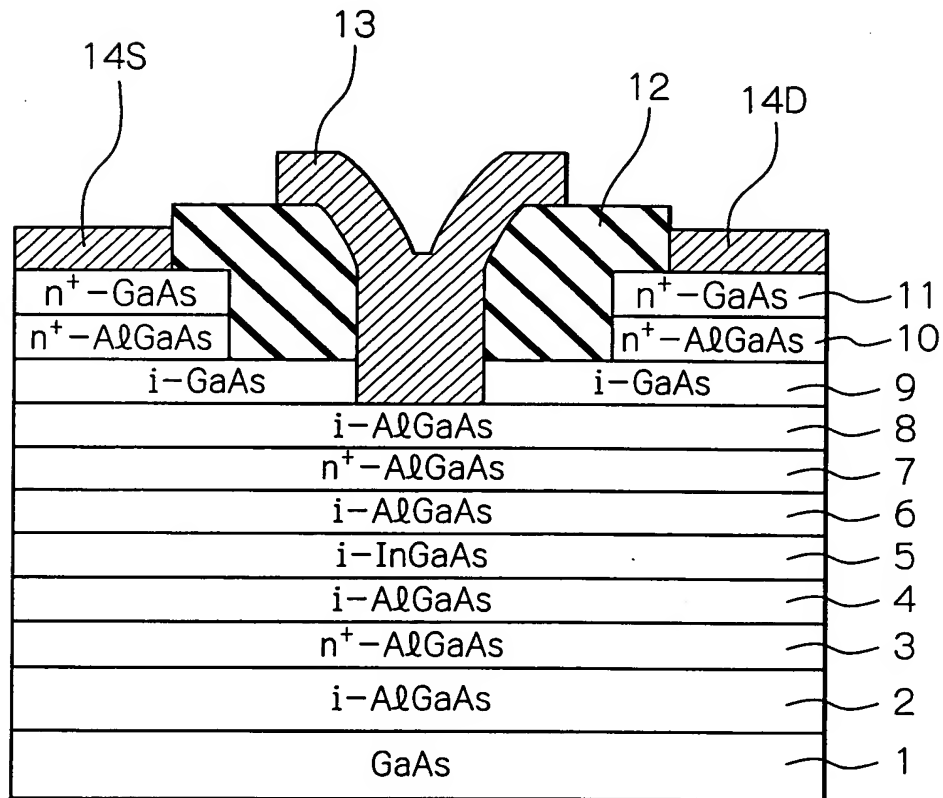
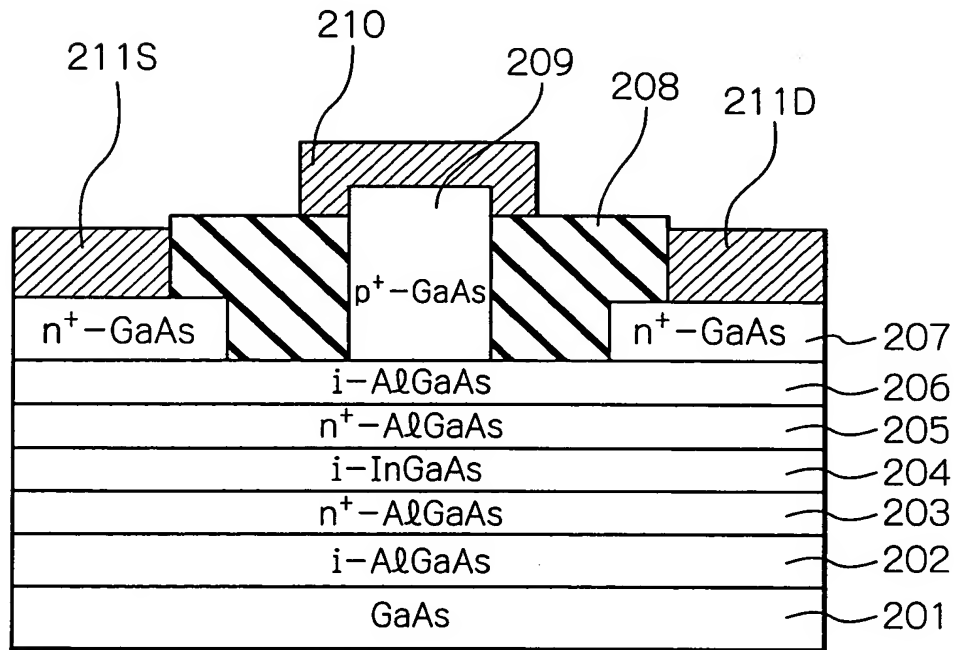


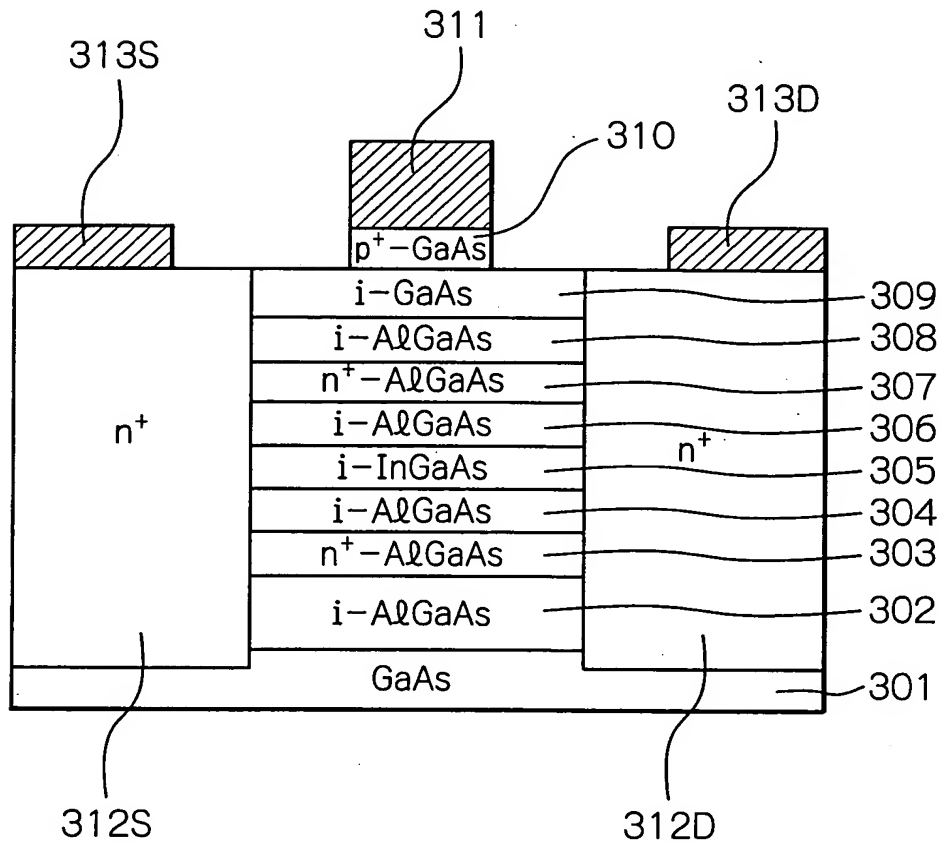
*Fig. 1* PRIOR ART



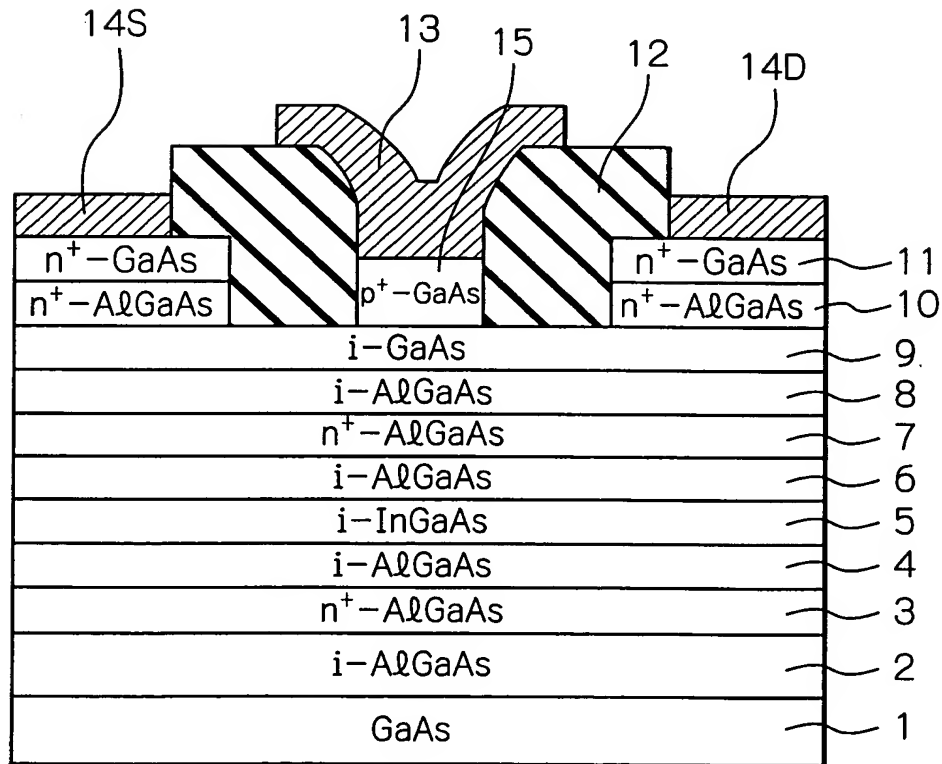
*Fig. 2* PRIOR ART



*Fig. 3* PRIOR ART



*Fig. 4*



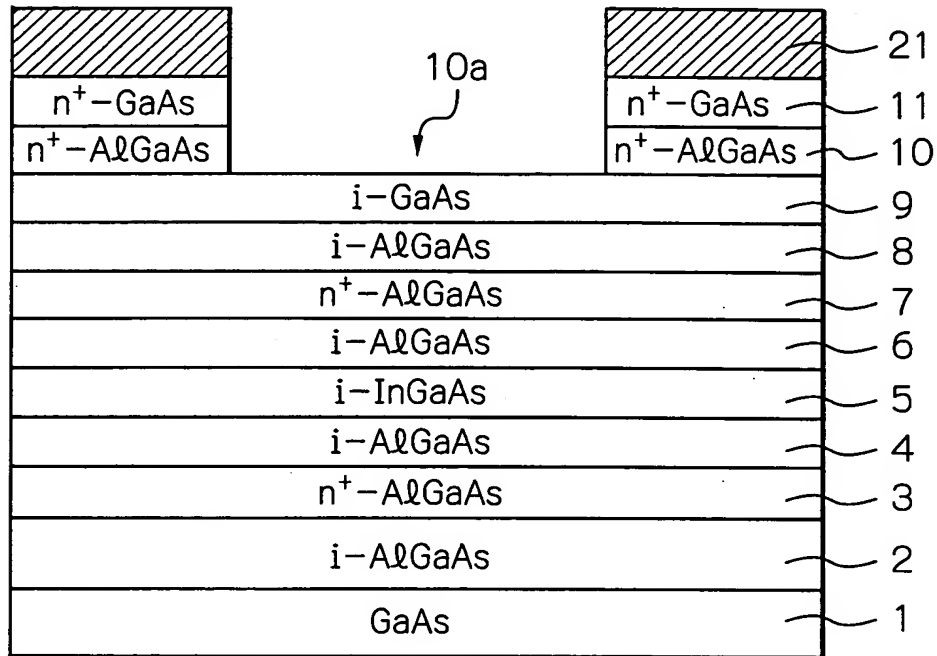
*Fig. 5A*

n <sup>+</sup> -GaAs	11
n <sup>+</sup> -AlGaAs	10
i-GaAs	9
i-AlGaAs	8
n <sup>+</sup> -AlGaAs	7
i-AlGaAs	6
i-InGaAs	5
i-AlGaAs	4
n <sup>+</sup> -AlGaAs	3
i-AlGaAs	2
GaAs	1

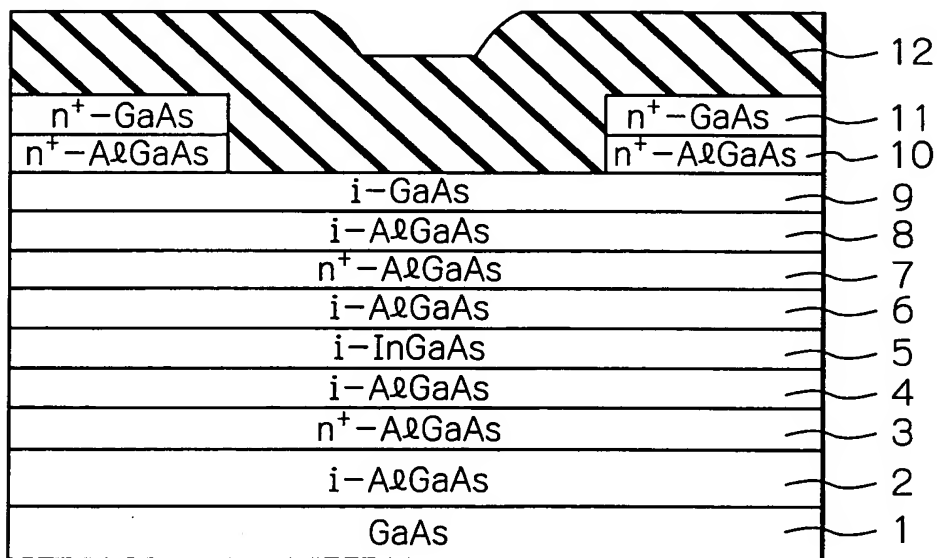
*Fig. 5B*

11a		
↙		
n <sup>+</sup> -GaAs	n <sup>+</sup> -GaAs	21
n <sup>+</sup> -AlGaAs		11
i-GaAs		10
i-AlGaAs		9
n <sup>+</sup> -AlGaAs		8
i-AlGaAs		7
i-InGaAs		6
i-AlGaAs		5
n <sup>+</sup> -AlGaAs		4
i-AlGaAs		3
GaAs		2
		1

*Fig. 5C*

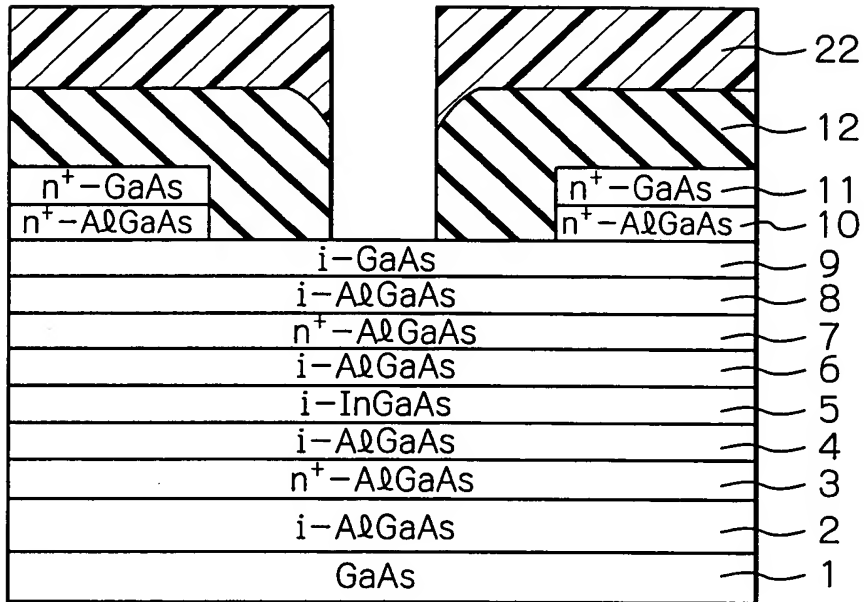


*Fig. 5D*

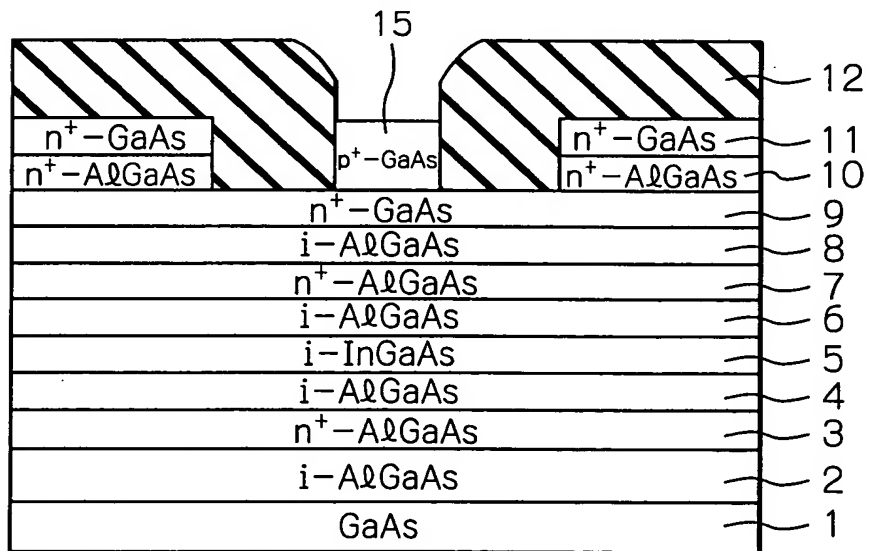


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*Fig. 5E*

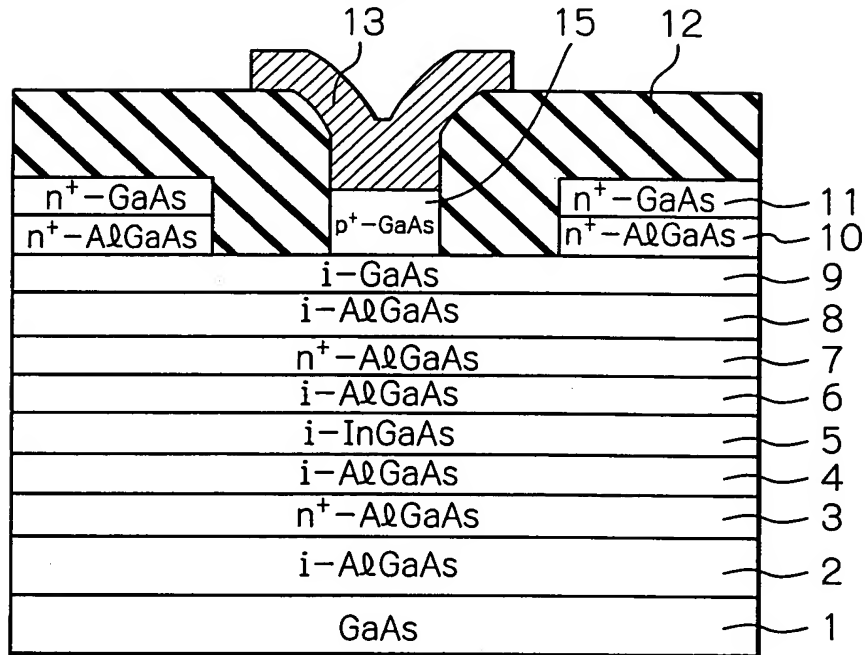


*Fig. 5F*

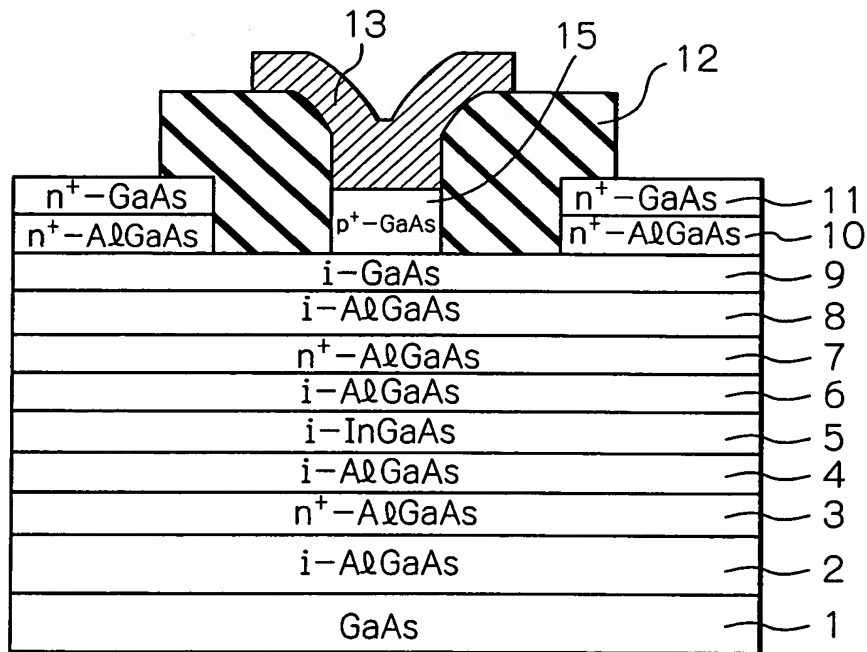


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*Fig. 5G*

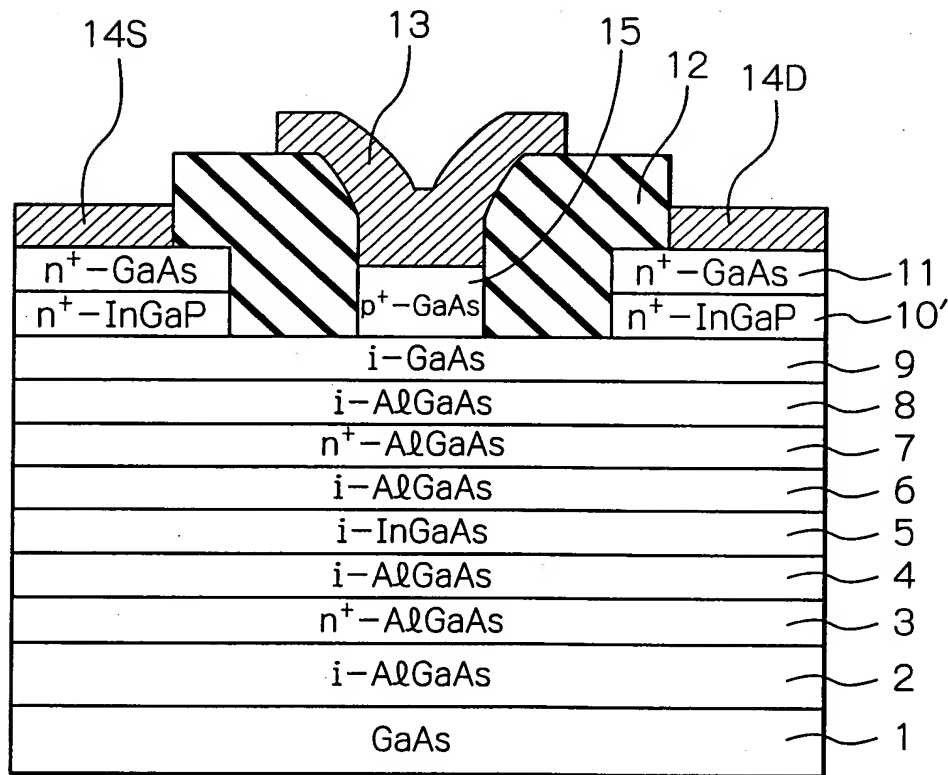


*Fig. 5H*



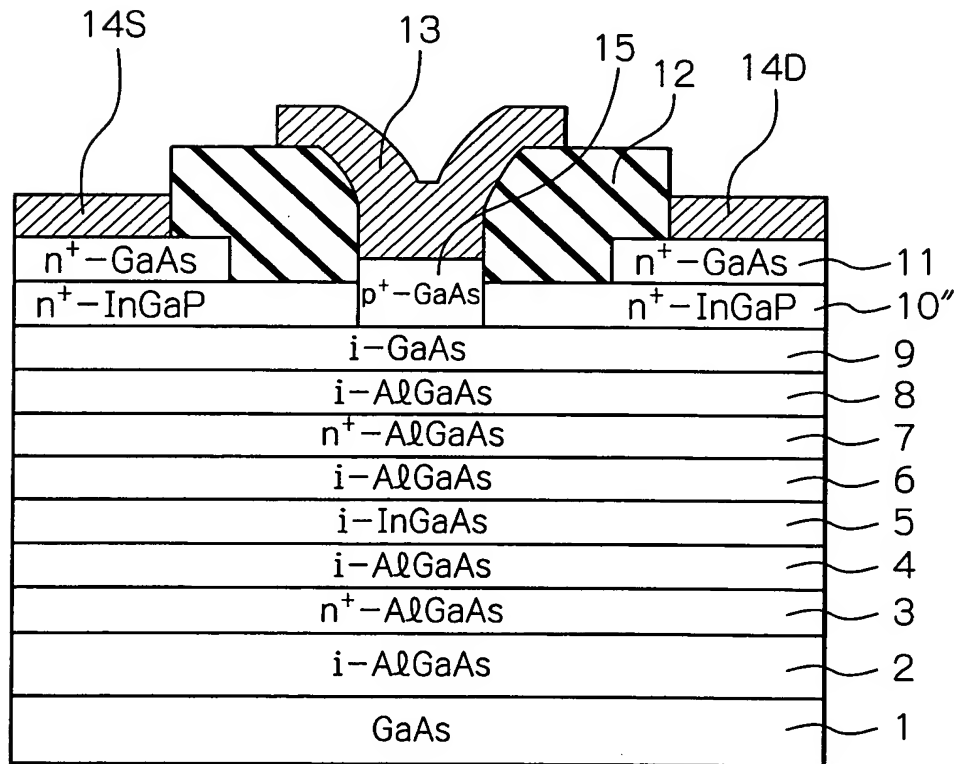


*Fig. 6*

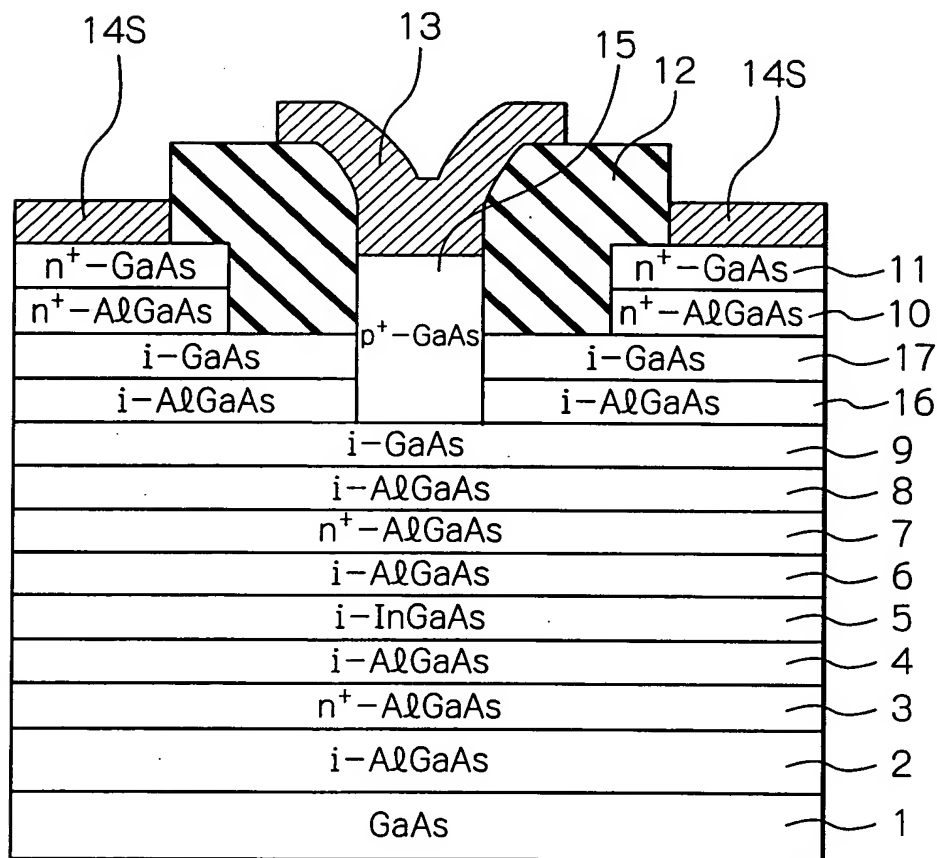


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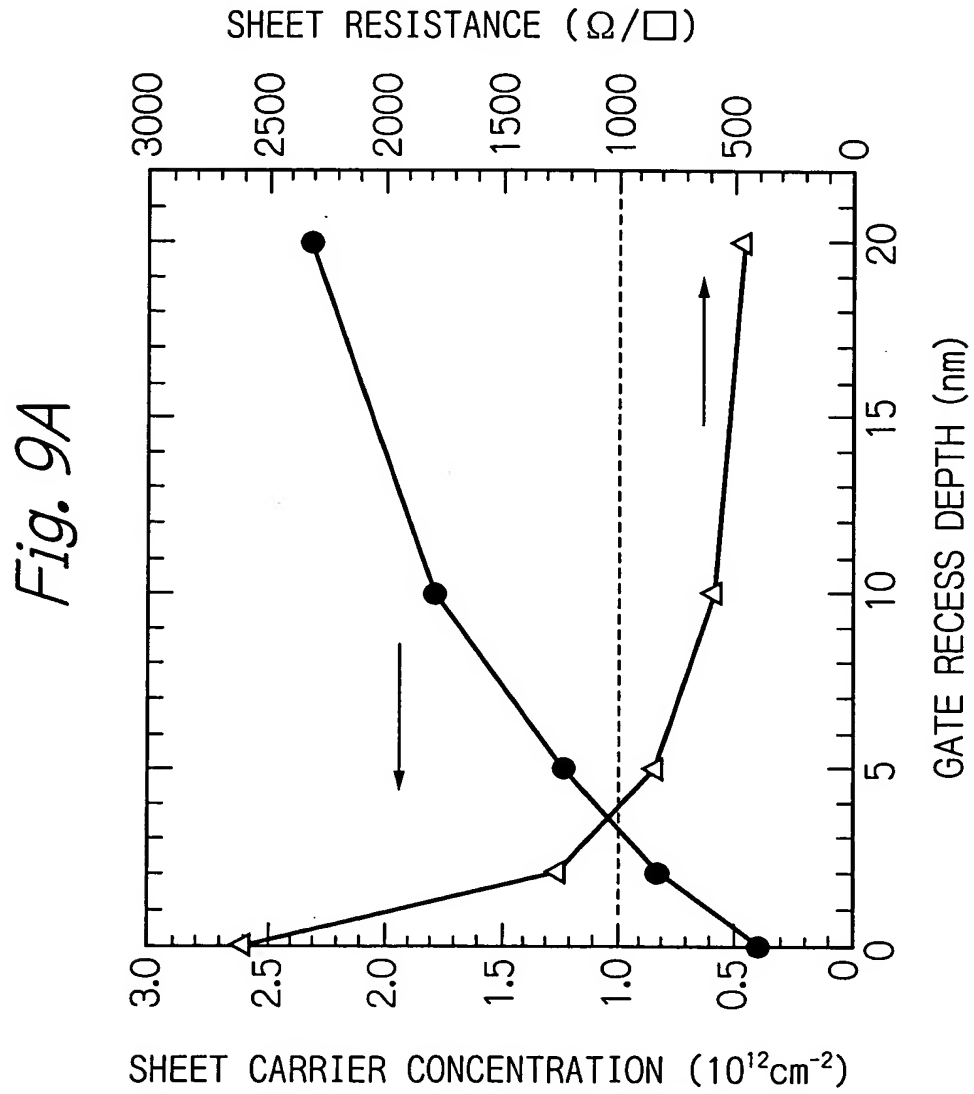
Fig. 7

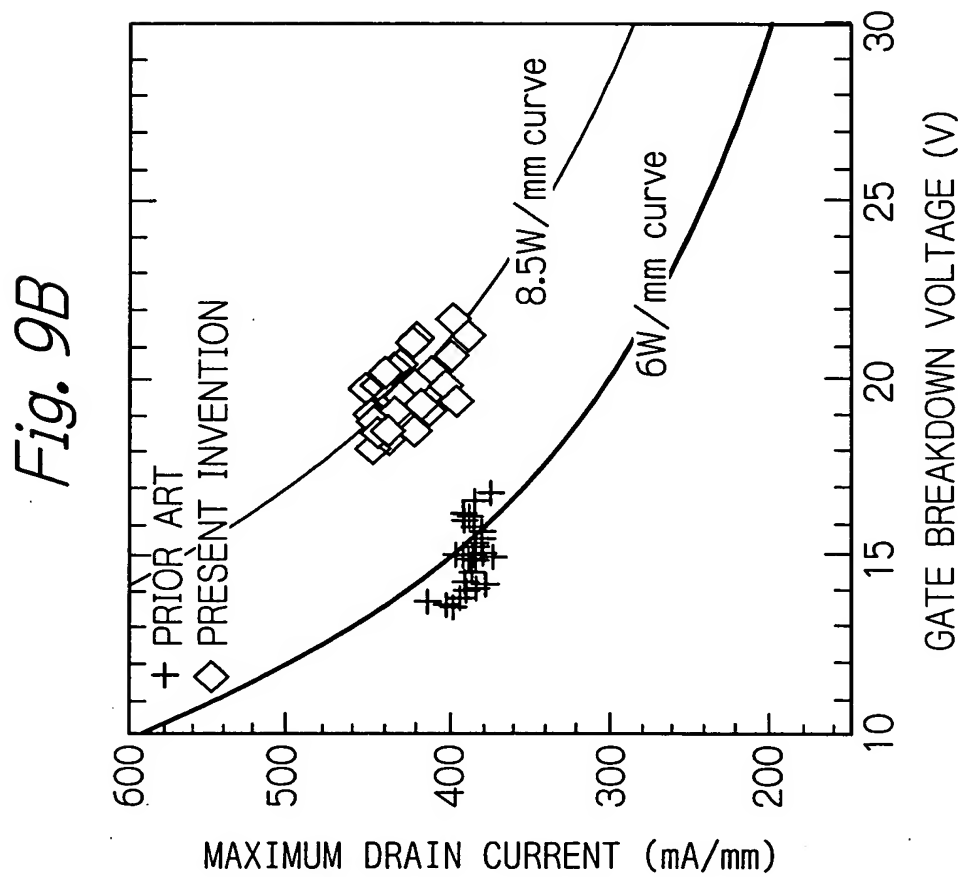


*Fig. 8*



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*Fig. 10A*

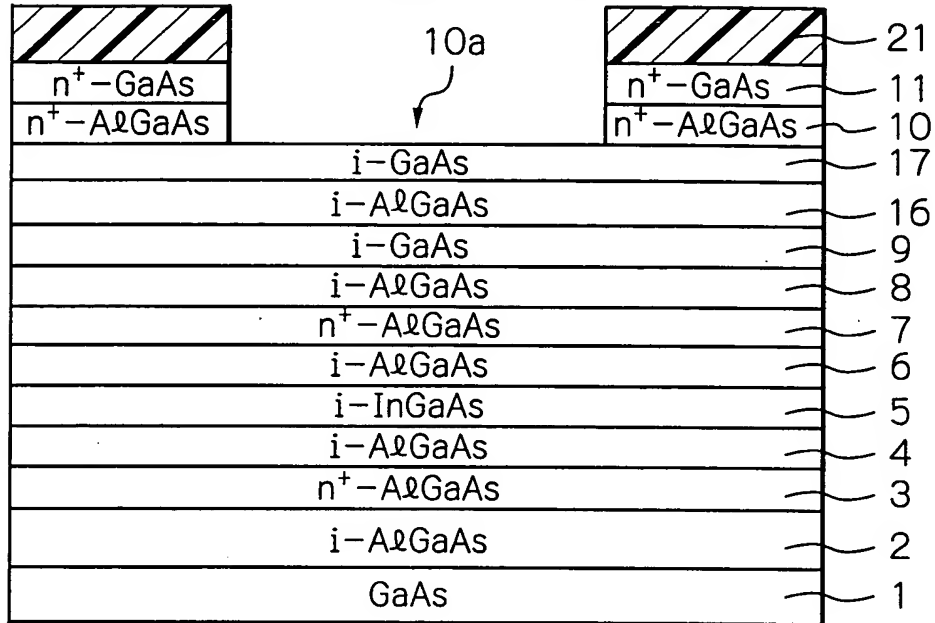
n <sup>+</sup> -GaAs	11
n <sup>+</sup> -AlGaAs	10
i-GaAs	17
i-AlGaAs	16
i-GaAs	9
i-AlGaAs	8
n <sup>+</sup> -AlGaAs	7
i-AlGaAs	6
i-InGaAs	5
i-AlGaAs	4
n <sup>+</sup> -AlGaAs	3
i-AlGaAs	2
GaAs	1

*Fig. 10B*

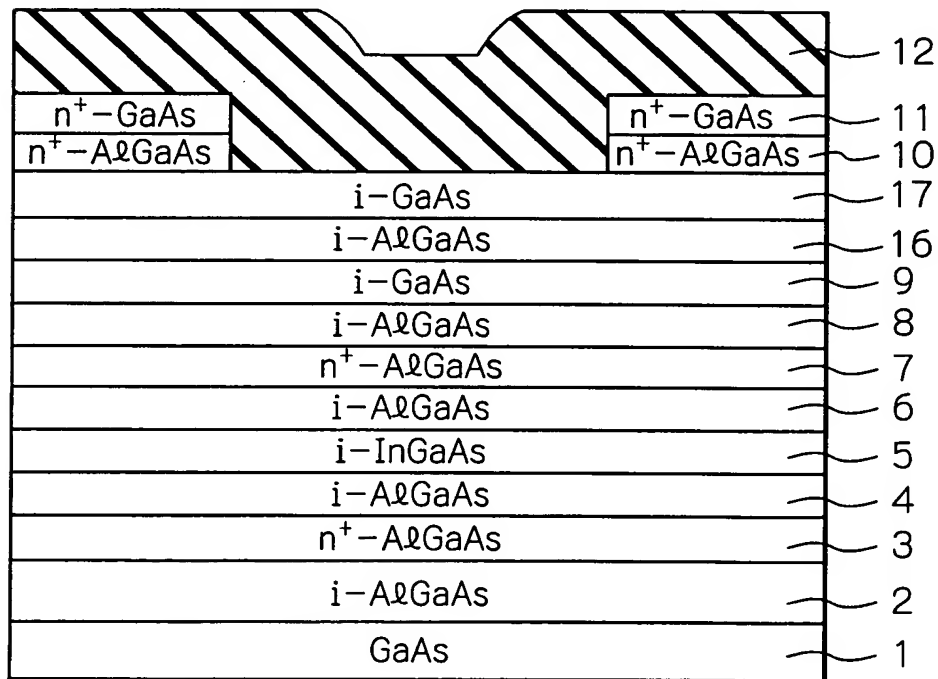
11a		21
n <sup>+</sup> -GaAs	n <sup>+</sup> -GaAs	11
n <sup>+</sup> -AlGaAs		10
i-GaAs		17
i-AlGaAs		16
i-GaAs		9
i-AlGaAs		8
n <sup>+</sup> -AlGaAs		7
i-AlGaAs		6
i-InGaAs		5
i-AlGaAs		4
n <sup>+</sup> -AlGaAs		3
i-AlGaAs		2
GaAs		1

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*Fig. 10C*



*Fig. 10D*



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Fig. 10E

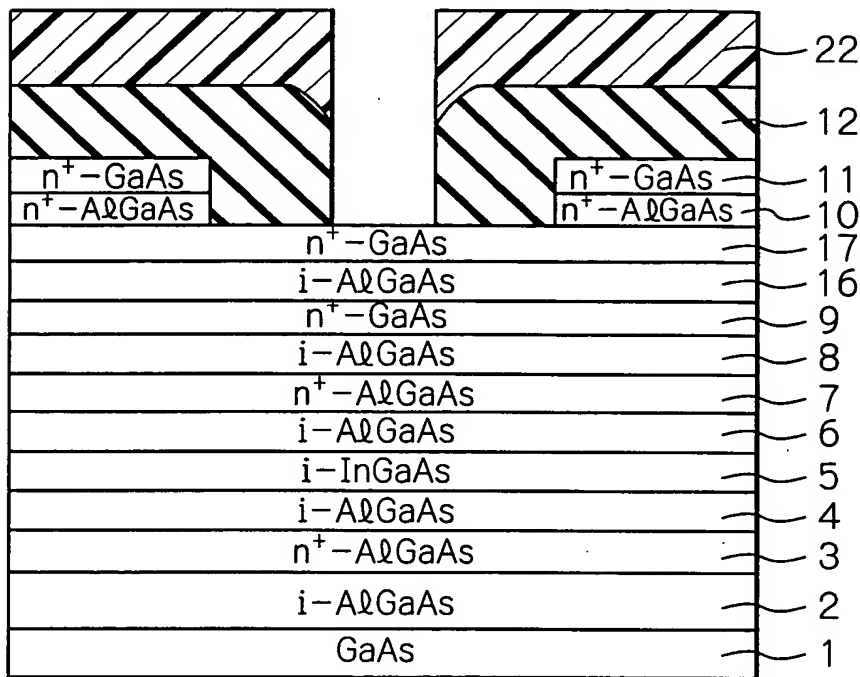
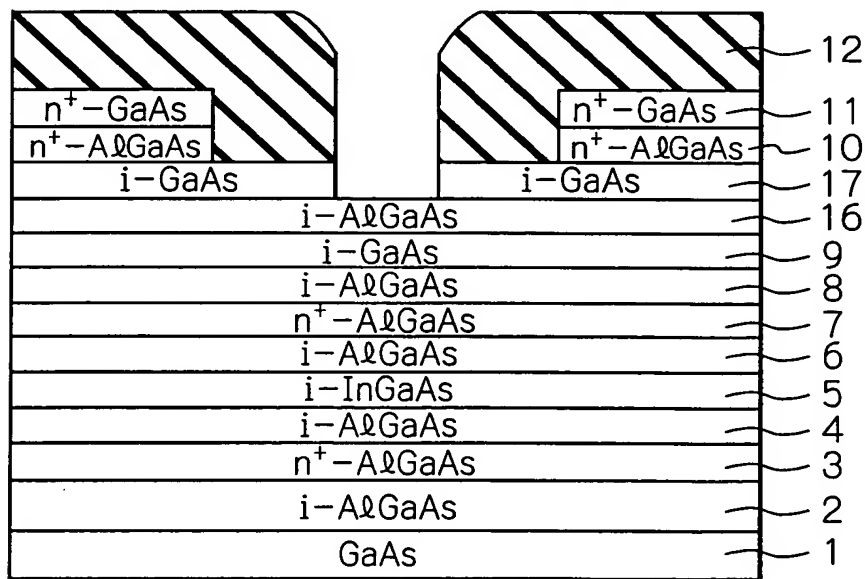


Fig. 10F





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Fig. 10G

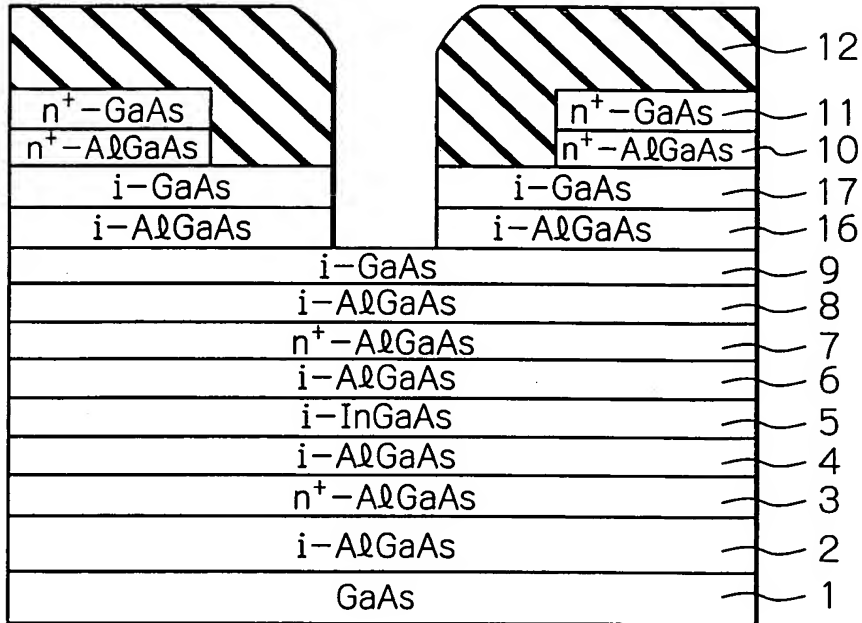
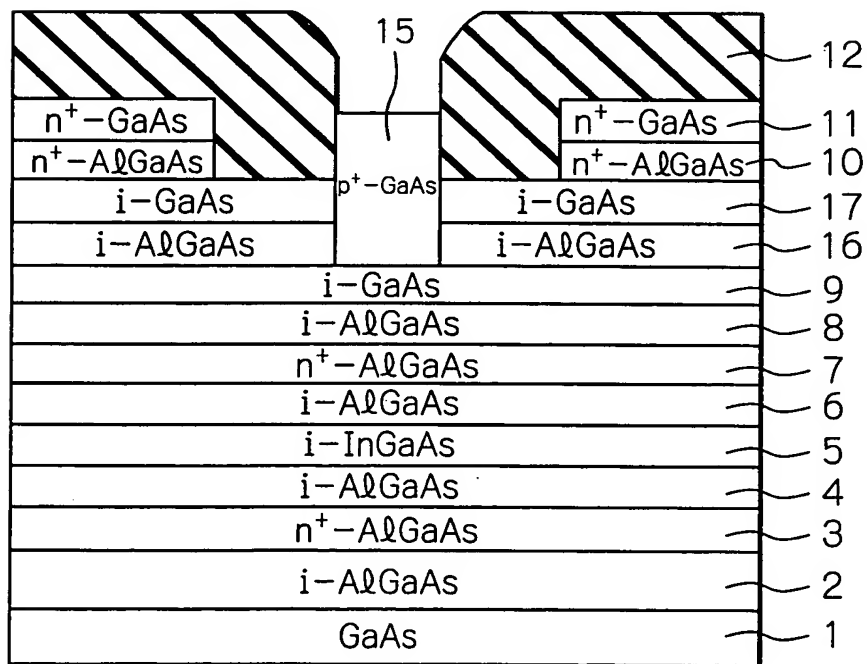
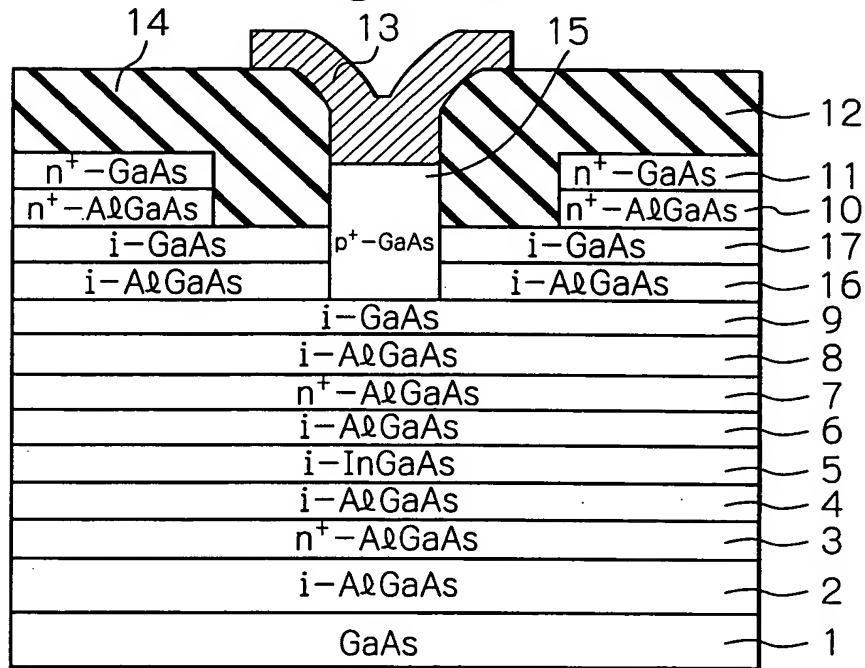


Fig. 10H

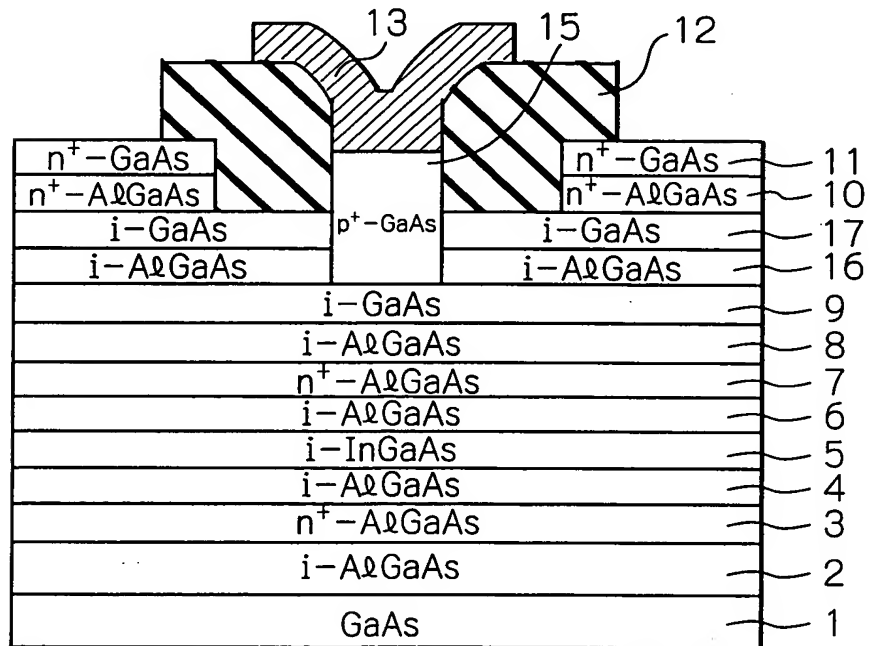


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*Fig. 10I*

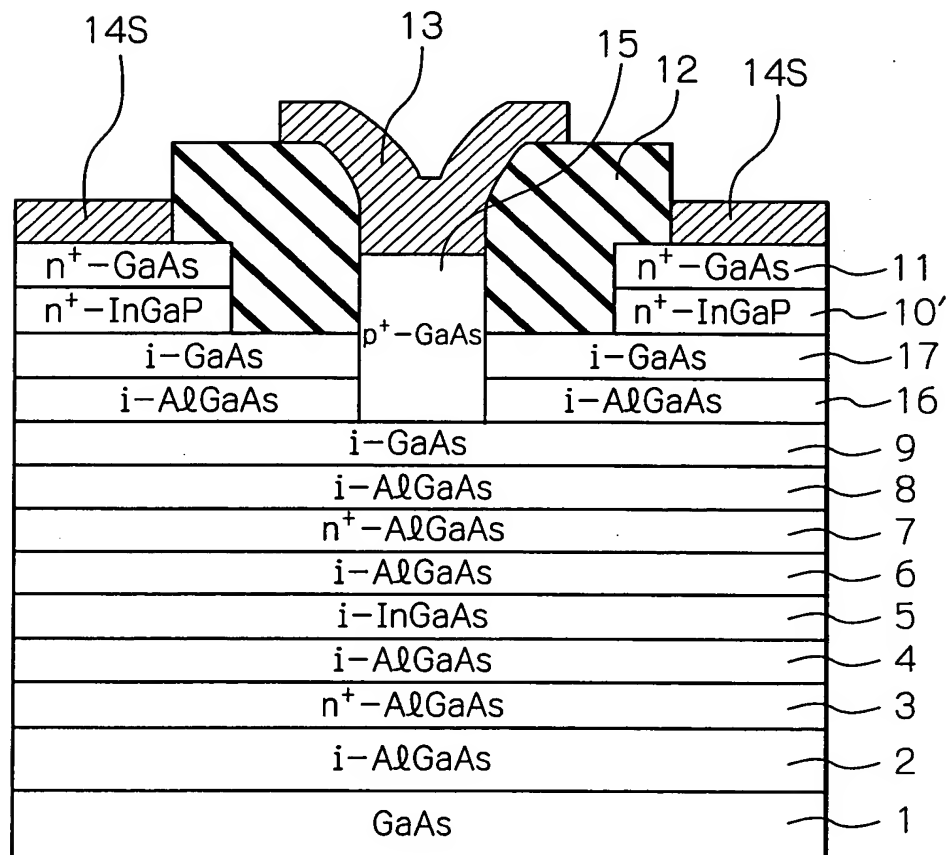


*Fig. 10J*



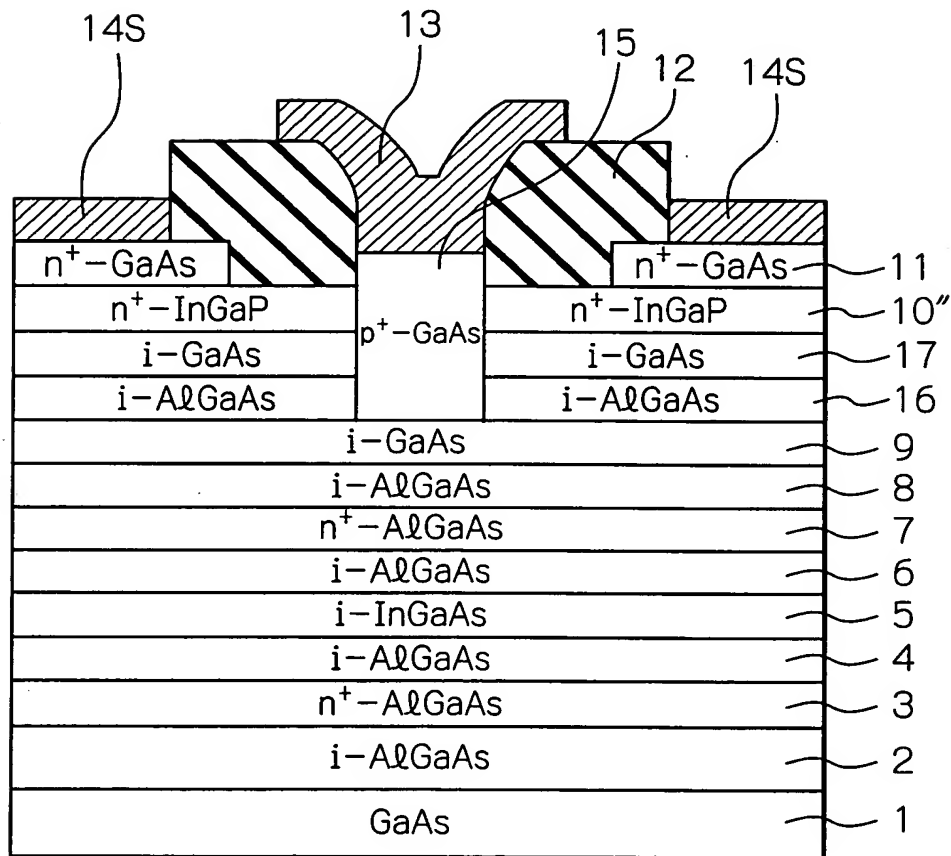
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*Fig. 11*

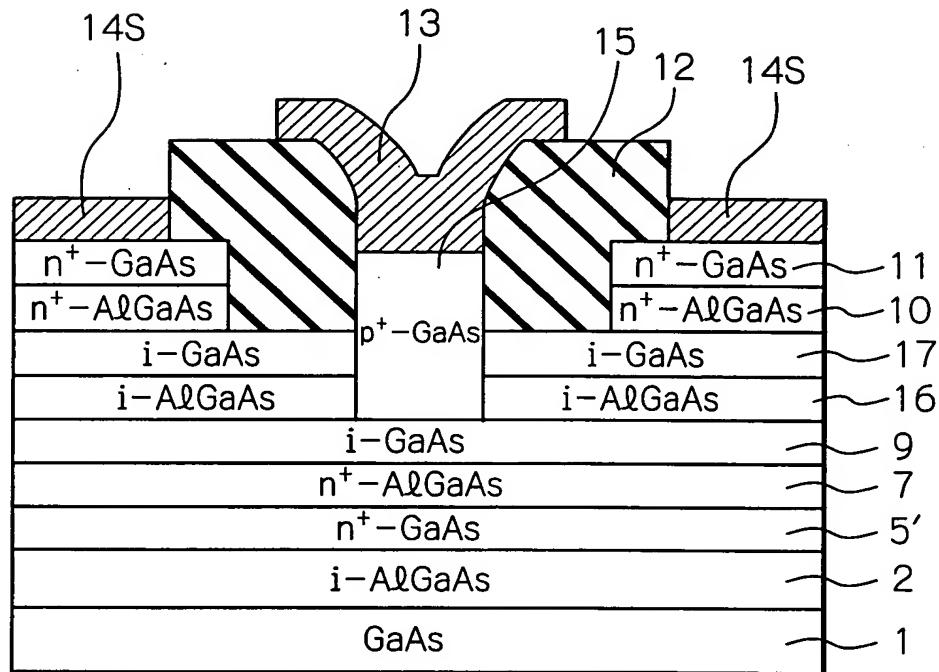


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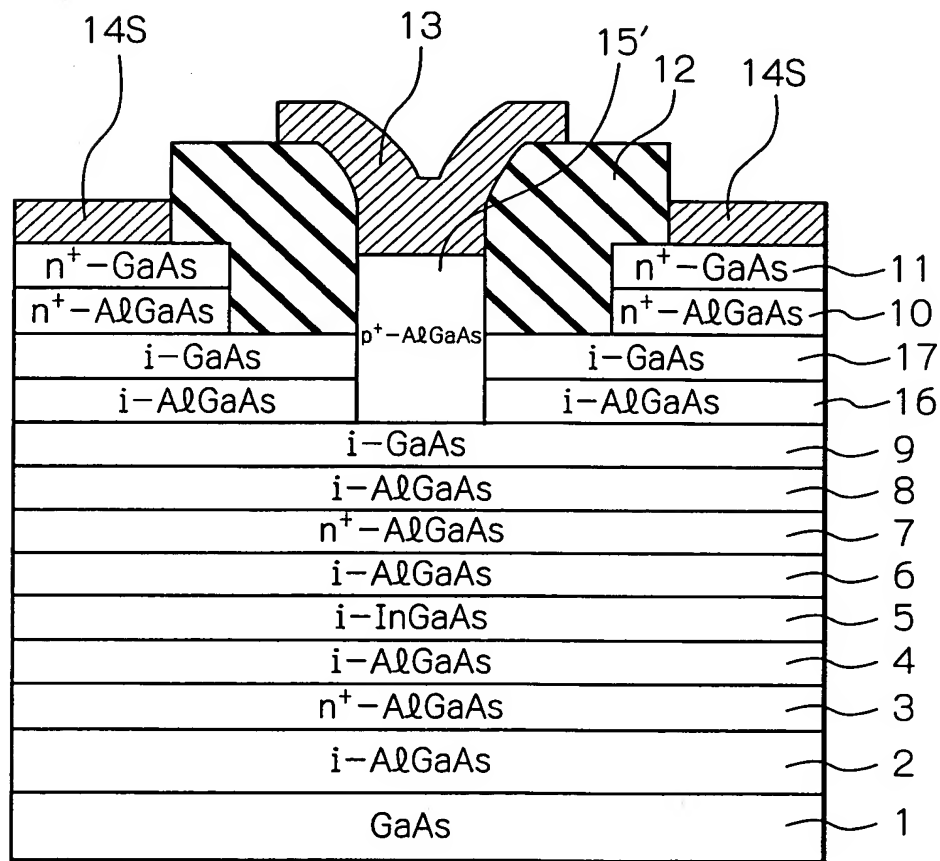
*Fig. 12*



*Fig. 13*



*Fig. 14*



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*Fig. 15*

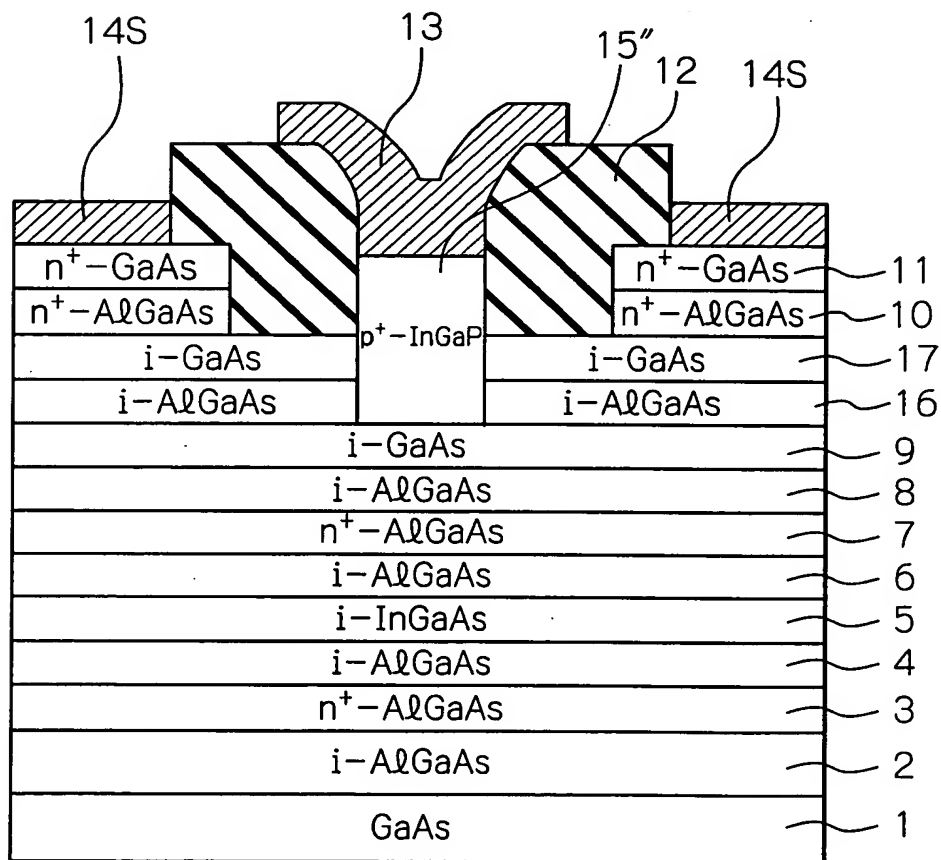


Fig. 16

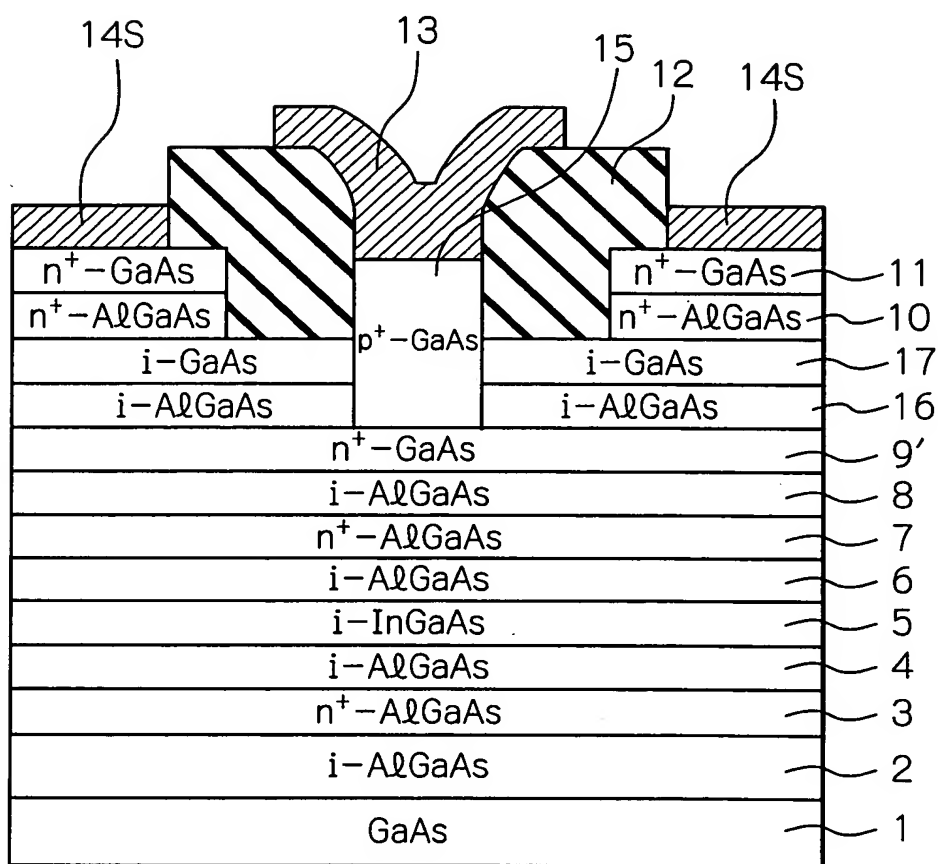
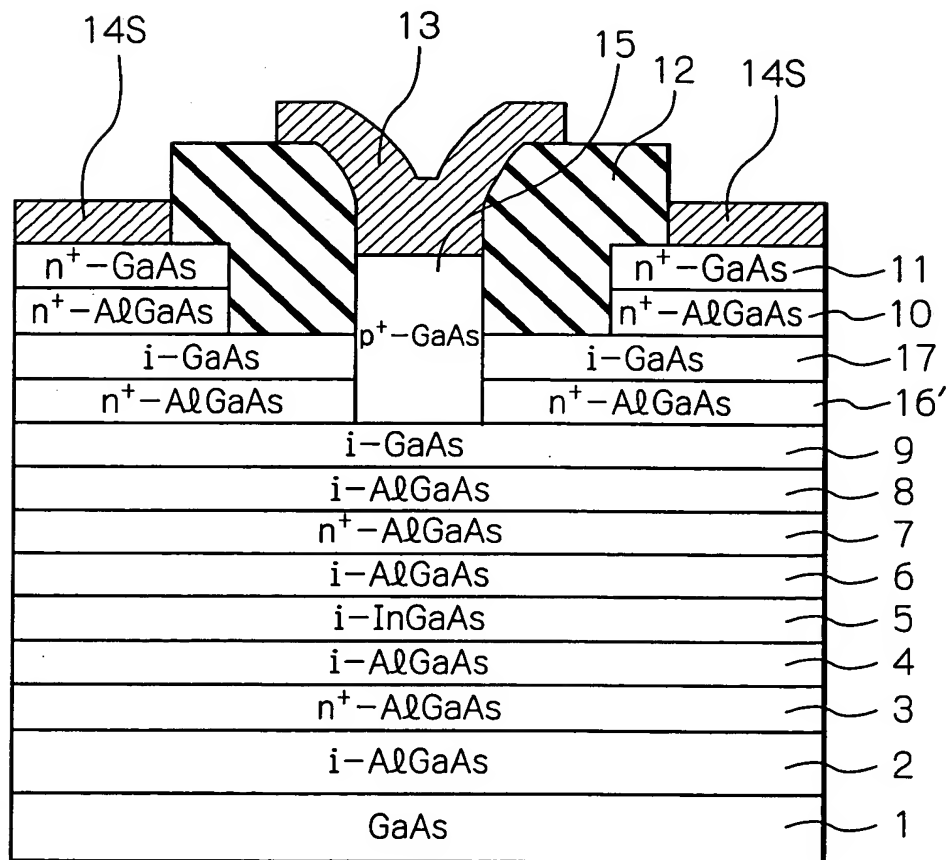




Fig. 17



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*Fig. 18*

